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multitasking <near> "I/O tasks" and preemptive

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P Heidelberger, KS Trivedi - IEEE Transactions on Computers, 1982 - doi.ieeecomputersociety.org

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D Henriksson, A Cervin, KE Årzén - Proceedings of the Nordic MATLAB Conference, Copenhagen, ..., 2003 - control.lth.se

... of the temporal behavior of a **multitasking** real-time ... activities, such as controller and I/O **tasks**, and aperiodic ... may be **preemptive** or non-**preemptive**; this can ...

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... Both achieve **preemptive multitasking** in a lightweight RAM footprint of ... MOS will support CSMA in the **near** future, by ... for event-driven sensor I/O. **Tasks** run to ...

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A Cervin, D Henriksson, B Lincoln, KE Årzén - Proceedings of the 2nd Workshop on Real-Time Tools, ..., 2002 - control.lth.se

... control system often contains a **multitasking** real-time ... the temporal behavior of a **multi-tasking** real-time ... be used, eg, priority-based **preemptive** scheduling and ...

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RD Carmichael, JM Ward, MA Winchell - US Patent 5,864,712, 1999 - freepatentsonline.com

... high performance CPU for lower speed **I/O tasks** was found ... under the control of a **multi-tasking**, multi-threaded ... **Near** maximum aggregate bandwidth of multiple I/O ...

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... I/O tasks are then placed in a queue which is ... It provides a **multitasking** abstraction to the programmer ... the EU implements fixed priority, **preemptive** scheduling. ...

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